

Map & Photo Legend



NW-03-02a, 02b and 03a Storey Island viewed from the north.



NW-03-03b Storey Island viewed from the north.



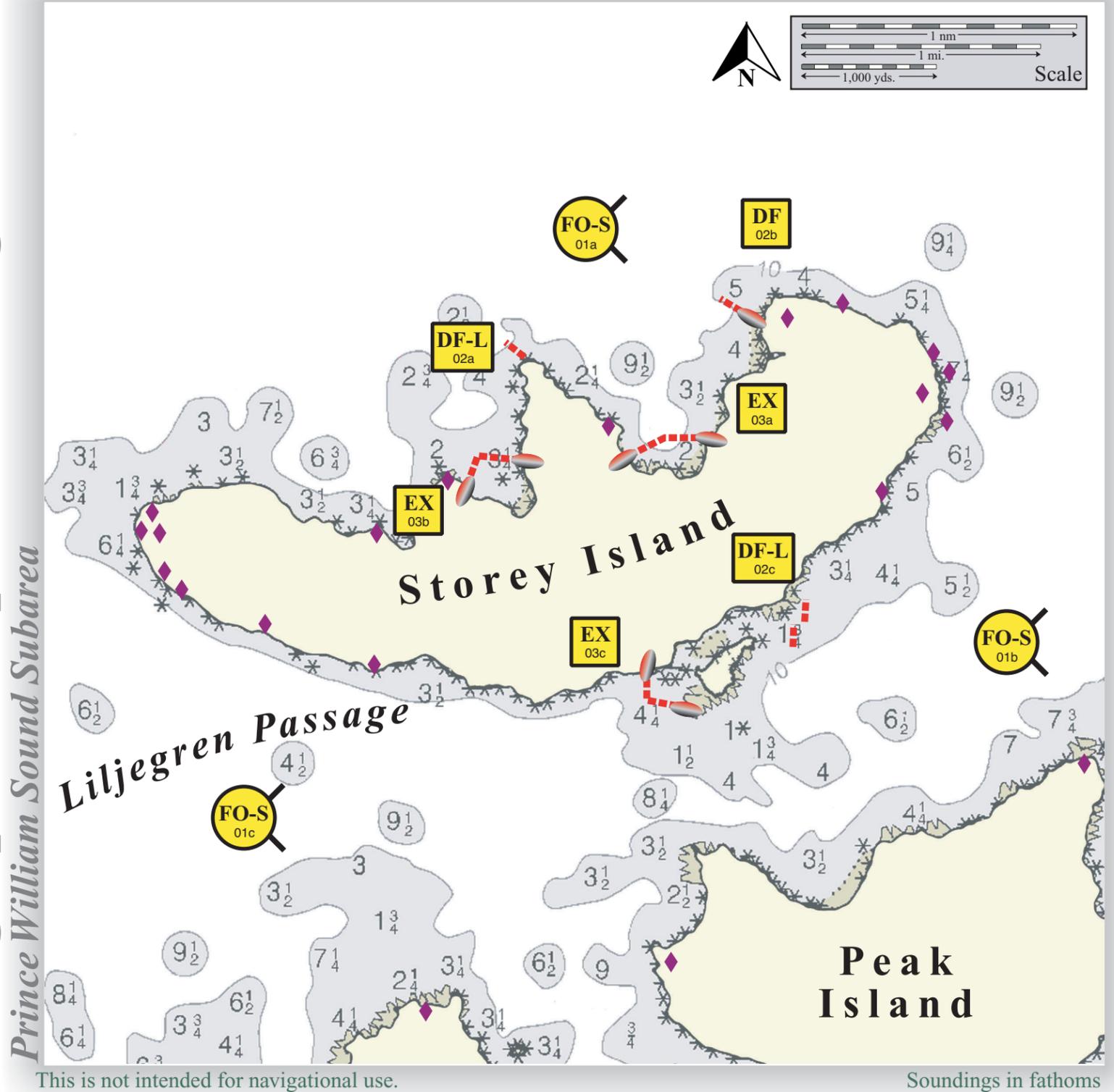
NW-03-03d and 03e Storey Island viewed from the west.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Deflection Booming, Fixed
- Deflection Booming, Live
- Protected-water Boom
- Tidal-seal Boom
- Eagle Nest

Geographic Response Strategies for

Storey Island, PWS-NW03

Center of map at 60° 43.6' N Lat., 147° 25.6' W Lon.



ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS NW03-01	Storey Island Nearshore waters in the general area of: a. Lat. 60°44.6 N Lon. 147°25.4 W b. Lat. 60°43.2 N Lon. 147°23.4 W c. Lat. 60°42.7 N Lon. 147°25.9 W	Free-oil Recovery-Shallow Water Maximize free-oil recovery in the nearshore environment of Storey Is.	Deploy free-oil recovery strike teams upwind and up current of Storey Is. Specifically protect sea bird foraging areas. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Marine Chart 16705-1	Birds-seabird foraging nearshore, shorebirds, black oystercatchers nesting, pigeon guillemots nesting around island perimeter Marine mammals-seals, sea otters, humpback and gray whales Fish-herring spawning (April-May) Human use-commercial fishing (summer)	Vessel masters should have local knowledge. Use extreme caution when navigating in channel between Storey Island and Peak Island due to submerged rocks. NOAA Charts pre-2002 are inaccurate.
PWS NW03-02	Storey Island a. Lat. 60° 44.36 N Lon. 147° 26.27 W b. Lat. 60° 44.50 N Lon. 147° 24.37 W c. Lat. 60° 43.3 N Lon. 147° 24.2 W	Deflection Deflect oil away from Storey Island to NSFO task forces.	Use vessels with deck space (class 2/3/4) to transport equipment. For arrays (a) & (c) use fishing vessels (class 3/4) to hold boom in place. For arrays (b), use fishing vessels and skiffs (class 3/4/6) to deploy 1000 ft. of protected-water boom and set anchors. Tend throughout the tide. <u>Boom lengths:</u> a. 600 ft. b. 1000 ft. c. 2 ea. 500 ft.	Deployment Equipment 2600 ft. protected-water boom 100 ft. tidal-seal boom 5 ea. anchor systems (~40 lbs.) Vessels 1 ea. class 2 (transport) 6 ea. class 3/4 2 ea. class 6 Personnel/Shift 26 ea. vessel crew Tending Vessels 6 ea. class 3/4 2 ea. class 6 Personnel/Shift 18 ea. vessel crew	Vessel platform	Marine Chart 16705-1	Same as PWS-NW03-01	See PWS-NW03-01 FOSC Historic Properties Specialist should INSPECT site prior to operations. Tested: 8/14/03 SERVS
PWS NW03-03	Storey Island a. Lat. 60° 44.0 N Lon. 147° 25.1 W b. Lat. 60° 43.0 N Lon. 147° 25.2 W c. Lat. 60° 43.9 N Lon. 147° 26.5 W	Exclusion Exclude oil from entering small coves on Storey Island.	Using fishing vessels and skiffs, place protected-water boom in four chevron arrays with tidal-seal on each end, at mouths of coves on NW side and around the islet on SE side of Storey Island. For arrays (a) & (c) use 100 ft. tidal-seal on both ends, for (b) use 150 ft. tidal-seal on the west end and 50 on the east end. <u>Boom Arrays:</u> a. 1800 ft. b. 1300 ft. c. 1800 ft.	Deployment Equipment 4900 ft. protected-water boom 600 ft. tidal-seal boom 20 ea. anchor systems (~40 lbs.) 12 ea. anchor stakes Vessels/Personnel/Shift Same as PWS-NW03-02 Tending Vessels/Personnel/Shift Same as PWS-NW03-02	Vessel platform	Marine Chart 16705-1	Same as PWS-NW03-01	See PWS-NW03-01 Tested: 8/14/03-8/15/03 SERVS